

ABSTRACT OF THE DISCLOSURE

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An exhaust-gas cleaning device for an engine comprises an HC-adsorbing catalytic converter disposed in an exhaust passage, the HC-adsorbing catalytic converter including an HC-adsorbing material which adsorbs HC contained in exhaust gas at low temperatures and releases adsorbed HC as the temperature increases, an oxygen storage material which occludes oxygen when the concentration of oxygen in the exhaust gas is high and releases occluded oxygen as the oxygen concentration drops, and a three-way catalys metal layer which oxidizes HC released from the HC-adsorbing material, and an oxygen concentration controller which controls the oxygen concentration in the exhaust gas on the upstream side of the HC-adsorbing catalytic converter in such a manner that oxygen is released from the oxygen storage material when the engine is in an operating condition in which HC is released from the HC-adsorbing material.